Date:	Wednesday, 17/06/2009 8:50/24 AM							
User∎	Linda Lacelle	H.	Process	Sheet				
Customer	: CU-DAR001 Dart Helico	oters Services	Di	rawing Name	: DRLLING DE	TAIL, 205 SKIDTUBE		
Job Number	: 48616	/	•	•				
Estimate Nui	7							
P.O. Number				art Number	: D25801	•		
This Issue Prsht Rev.	: 17/06/2009 S.O. No. : NC	:		rawing Number	D2580 REV II: N/A)		
First Issue	: // · Type	: SKIDTUBES		oject Number rawing Revision	: D			
Previous Ru		, 0		aterial	:			
Written By	· · · · · · · · · · · · · · · · · · ·			ue Date	: 24/06/2009	Qty:	4 Um:	Each
Checked & A	Approved By :	<i></i>						
Comment	: Est B 01.11	I.08 Revised Step	o 9, 10, 12, and 13	SM			•	
	Est C 09.0	5.26 re-format	EC verifie	ed by: DD				
Additional P	roduct							
			•					
Job Number:		 	*** **				·	
		-			•	•		
Seq. #:	Machine Or Operation:		Des	scription :				
1.0	•		Ext'n - I' Beam					
1.0			Extri i Bodin	, , , , ,				
	Comment: Qty.: 1.0000 Each(s)/Unit Total :	4.0000 Each(s)					
	Pick:	70111	•	•				
	Qty Part Number	Description	Batch	_				
	1 1 D2500-1-190	Extrusion	Dr 4646	8	MB	09-06-17	. લ)	
2.0	HAND FINISHING1		HAND FINISH	ING RESOURCE #1				
						<u> </u>		
'	Comment: HAND FINISHING RE	SOURCE #1				. •		
•	1 Inancet mattl DOEO	0 1 100 for doma						
	1- Inspect mat'l D250	0-1-190 101 dama	ige.					
	2- Chemical Conversion	on Coat as ner OS	SI 005 4 1	Μ	B	09-06-17	- (Y)	
3.0		on coat as por at	Web, 205 Skid		<u>- </u>	0, 00 ()		
			,					
	Comment: Qty.: 1.0000 Each(s)/Unit Total :	4.0000 Each(s)					
	205 Web	0), 0, 110	110000	,				
	Pick:							
	Qty Part Number	Description	Batch //O/	,7	7:	100.01	/	(m
	1 D2596	l beam	<u> </u>	1/	\$E	09-06	17	4
4.0	SKIDTUBES 1		SKIDTUBESS	RESOURCE 1				
		•						
	Comment: LANDING GEAR RES	OURCE 1					•	
	1-Drill pilot holes using	g drill jig DT 8149	(Do not use cuttir	ng fluid)) ~	n	(12	ı
	^ ^ .	u	F00 W		/ MP	29.06-18	(4)	
	2-Open holes to 0.500	" as per Dwg D25	580 without cutting	g fluid /	, ,	01 10		

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W/O:			WO	RK ORDER CHANG	GES			······		
DATE	STEP	PROCEDURE CHANGE			В	у	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	į									
Part No	:	PAR #:	Fault Categ	jory:	NCR: \	es N	o DQ	A:	Date:	
	Res	olution:	Disposition):	QA: N/	C Clos	sed:		Date:	<u>-</u>
NCR:			WORK ORDE	R NON-CONFORM	IANCE (N	ICR)				
DATE	STEP	Description of NC			ction B		Verific	cation	Approval	Approval
	0121	Section A	Initial Chief Eng	Action Description Chief Eng		ign & Date	Secti	ion C	Chief Eng	QC Inspector
				·						

NOTE: Date & initial all entries

	ednesday, 17/06/2009 8:50:24 AM ada Lacelle	Process Sheet
Custome	r: CU-DAR001 Dart Helicopters Services	Drawing Name: DRLLING DETAIL, 205 SKIDTUBE
Job Numbe	r: 48616	Part Number: D25801
Job Number:		
Seq. #:	Machine Or Operation:	Description :
	3-Deburr and blow out all chips from4-Bond web in place per QSI 015.Pick:Qty Part Number Description	on Batch
	A/R Sikaflex-291 <u>M//</u> Sikaflex expire date: <u>/ 0 - 0/ -</u>	1557 Betch 31
5.0	QC3	INSPECT POWDER COAT/CHEMICAL CONVERSION
	nent: INSPECT POWDER COAT/CHEM	
6.0	QC5	INSPECT WORK TO CURRENT STEP
7.0	nent: INSPECT WORK TO CURRENT S PACKAGING 1	PACKAGING RESOURCE #1
		T ACTORING NEEDSTAGE #1
	nent: PACKAGING RESOURCE #1 Identify and Stock Location: SET fulle	all prb 09-06-18 (4)
8.0	QC21	FINAL INSPECTION/W/O RELEASE WHITE SE FINAL INSPECTION/W/O RELEASE OP ON 19
Com	nent: FINAL INSPECTION/W/O RELEAS	SE U
Job Completion		MF 09-06-19

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W/O:			WO	RK ORDER CHAN	GES					
DATE	STEP	PRO	OCEDURE CHAI	IGE		Ву	Date 🦼	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
					÷.,,			1.		
							,			
								;		
Part No	:	PAR #:	Fault Cate	jory:	NCF	R: Yes	No DQA:	·	_ Date: _	
		solution:								
NCR:			WORK ORDE	R NON-CONFORM	IANCE	(NCR)				
DATE	STEP	Description of NC			ection B		Verifica	tion	Approval	Approval
DAIL	SILF	Section A	Initial Chief Eng	Action Description Chief Eng	1	Sign & Date	Section		Chief Eng	QC Inspector
					i					
					r					
									,	

NOTE: Date & initial all entries



	DESIG	*#	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
	CHEC	KED.	APPROVED	DRAWING NO. REV. D
			- #	D2580 SHEET 1 OF 3
ı	DATE			TITLE SCALE
	07.0	2.27		205 SKIDTUBE ASSEMBLY NTS
	Α		96.09.16	NEW ISSUE
	В		96.12.02	AS MANUFACTURED
	С		98.08.26	REDRAWN, INCLUDED DEO 9094/9097
ſ	D		07.02.27	CHANGE TO SS WEARPLATES AND

GASKETS, INCLUDE DEO 9124/9183



QTY -041	QTY -045	Part Number	Description
X X	-043	D2580-041	SKIDTUBE ASSEMBLY
<u> </u>	X	D2580-045	SKIDTUBE ASSEMBLY
1	1	D2500-1-190	EXTRUSION
1	1	D2576-3	STEP
20	24	D2579	CROSS BOLT SPACER
16	16	D2594-1	PLUG
16	16	D2594-3	O-RING
1	1	D2596	205 WEB
1	1	D2855	AFT CAP
1	1	D3564-5	WEARSHOE
1	1	D3564-9	WEARSHOE
1	1	D3564-11	WEARSHOE
1	1	D3564-13	WEARSHOE
2	2	D3566-1	GASKET
1	1	D3566-5	GASKET
1	1	D3566-13	GASKET
50	50	ALS7-1032-130	INSERT
		or AKS7-1032-130	
		or AKS4-1032-130	
		or AELS-1032-130	
50	50	AN3C4A	BOLT
2	2	AN3-5A	BOLT
50	50	AN960C10L	WASHER
2	2	AN960JD10L	WASHER

Mole

GENERAL NOTES:

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) INSERT D2596 WEB TO LOCATION SHOWN OFF AFT END OF SKIDTUBE AND BOND WEB INTO OUTER TUBE WITH NON-STRUCTURAL SIKAFLEX-241 ADHESIVE PER DART QSI 015 BEFORE BENDING. ENSURE HOLES LINE-UP.
- 4) BEND AS A SMOOTH RADIUS STARTING WITH A MAXIMUM CENTERLINE RADIUS OF 60 AND ENDING WITH A MINIMUM RADIUS OF 30. A MAXIMUM REDUCTION OF 0.200 IN DIAMETER IS ALLOWABLE IN THE BENT PORTION OF THE TUBE.
- 5) USE DART DRILL TEMPLATE TD2577-205 TO LOCATE AND DRILL Ø0.297 HOLES FOR WEARSHOE INSERTS. INSTALL ALS7-1032-130 PER SECTION D-D (50 PLACES) AFTER FINISH. INSTALL AN3C4A BOLTS AND AN960C10L WASHERS WITH SIKAFLEX-241/-291.
- 6) WELDING TO BE DONE PER DART QSI 004.
- 7) FINISH:

SEE NOTES ON PAGE 2 FOR D2580-041 AND PAGE 3 FOR D2580-045

 INSERT D2594-1 PLUG C/W D2594-3 O-RING IN HOLES MARKED 'P' (BOTH SIDES OF TUBE) AFTER FINISH (16 PLACES).

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W/O:		WORK ORDER CHANGES								
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng /. Prod Mgr	Appròval QC Inspector			
. e					,					

Part No:	·	PAR #:	Fault Category:	NCR: Yes No DQA:	Date:
•	Resolution:		Disposition:	QA: N/C Closed:	Date:

NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
DATE STEP		Description of NC		Verification	A						
	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector			
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NOTE: Date & initial all entries



